rm # P 04ر

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

PERMIT ISSUED Permit Number: 080761 JUL 1 4 2008

Please Read						
Application And						
Notes, If Any,						
Attached						

This is to certify that THOMSON BARBARA TRANSPORTED TEE /Deve Venner Builder

has permission to _____add second floor w/ 2 bedro over ex ing gar

AT _160_MARLBOROUGH_RD

rm or provided and epting this permit shall comply with all ine and of the Cartances of the City of Portland regulating of buildings and succtures, and of the application on file in

406 F03200T

this department.

Apply to Public Works for street line and grade if nature of work requires such information.

provided that the person or persons.

of the provisions of the Statutes of

the construction, maintenance and u

n fication is inspect in must generally and with permit on procubing rethins ding or the three days and the second of the second

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

CITY OF PORTLAND

OTHER REQUIRED APPROVALS

Fire Dept. _____

Appeal Board

Department Name

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine	- Building or Use	Permi	t Application	ւ	Permit No:	Issue Date	:	CBL:	
389 Congress Street, 04101	Tel: (207) 874-8703	8, Fax: ((207) 874-871	6 L	08-0761			406 F03	32001
Location of Construction:	Owner Name:			Он	ner Address:			Phone:	
160 MARLBOROUGH RD	THOMSON B	BARBAI	RA TRUSTEE	16	60 MARLBORG	OUGH RD	_		
Business Name:	Contractor Name	e:			Contractor Address:			Phone	
	Dave Kenner	Builder		9	Wildridge Road	Standish		20732943	344
Lessee/Buyer's Name	Phone:			Per	rmit Type:				Zone:
				LA	Additions - Dwel	llings			R-3
Past Use: Proposed Use:				Pe	rmit Fee:	Cost of Wor	k: Cl	EO District:	
Single Family Home Single Family					\$400.00	\$38,00		4	
	floor w/ 2 bed	rooms o	ver existing	FI	RE DEPT:	Approved	INSPECT	ION:	\sim
	garage			Ī		Denied	Use Group	ドク	Type: 5D
							1 +	RC-20	03
							1	^	,
Proposed Project Description:	ma ayar ayistina aaraaa			g.			6:	July -	1/w/o🕱
add second floor w/ 2 bedroon	us over existing garage			_	gnature: DESTRIAN ACTI	VITIES DIST	Signature:	Type: SB RC-2003 eAMB 7/11/08	
				Ac	ction: Approx	ed App	proved w/Co	nditions	Denied
1				Sig	gnature:		D	ate:	
Permit Taken By:	Date Applied For:				Zoning	Approva	al		-
ldobson	06/25/2008								
1. This permit application do	oes not preclude the	Special Zone or Review Shoreland		ws Zoning Appeal			Historic Pres	ervation	
Applicant(s) from meeting Federal Rules.					☐ Variance			Not in Distric	et or Landmark
2. Building permits do not in septic or electrical work.	nclude plumbing,	Wetland		☐ Miscellaneous ☐		Does Not Rec	quire Review		
3. Building permits are void within six (6) months of the		Flood Zone			Conditional Use		Requires Rev	iew	
False information may investment and stop all work					☐ Interpretation			Approved	
•					Approved			Approved w/0	Conditions
PERMIT	ISSUED	Maj [Minor, MM		Denied			Denied	
	100020) DK	wlcordina					Ten	
1111 4		Date:	717108 AM	<u>U</u>	Date:		Date	:	
JUL 1 4 2003									
CITY OF P	CRTIAND								
	CHILIMAN								
		_	ERTIFICATION)N					
I hereby certify that I am the ov	mer of record of the no				ronosed work is	authorized	by the on	mer of recor	d and that
I have been authorized by the o									
jurisdiction. In addition, if a pe	ermit for work describe	d in the	application is is	sue	d, I certify that	the code off	icial's aut	horized repr	esentative
shall have the authority to enter	all areas covered by su	ich perm	nit at any reason	abl	e hour to enforc	e the provi	sion of the	e code(s) app	plicable to
such permit.									

ADDRESS

DATE

DATE

PHONE

PHONE

SIGNATURE OF APPLICANT

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE

9-11-08 OK: Final - Doctrical, fire generated and finish work, 454

ELECTRICAL PERMIT City of Portland, Me. 8703

To the Chief Electrical Inspector, Portland Maine: The undersigned hereby applies for a permit to make electrical installations

Date 81.08

OCATION: 160	Ma	arlborough		METER M	AKE	E & #	008-4536 6 1F-032	
CMP ACCOUNT # _		<i>.</i>		OWNER		Thomson		
TENANT				PHONE #				
* A	(di	hir Above 6a	-4	TER (I RUM	BM.	<i>ſ)</i> то	TAL EACH	FEE
OUTLETS	13	Receptacles	5	Switches	3	Smoke Detector	.20	4.20
FIXTURES	-	Incandescent		Fluorescent		Strips	.20	
FIXTURES	3	incandescent		Fluorescent	4	Strips	.20	.50
SERVICES		Overhead		Underground		TTL AMPS <800	15.00	
		Overhead		Underground		>800	25.00	
				- January Grand				
Temporary Service		Overhead		Underground		TTL AMPS	25.00	
`							25.00	
METERS		(number of)			_		1.00	
MOTORS		(number of)					2.00	_
RESID/COM		Electric units					1.00	
HEATING		oil/gas units		Interior		Exterior	5.00	
APPLIANCES		Ranges		Cook Tops		Wall Ovens	2.00	
		Insta-Hot		Water heaters	;	Fans	2.00	
		Dryers		Disposals		Dishwasher	2.00	
		Compactors		Spa		Washing Machine	2.00	
		Others (denote)					2.00	
MISC. (number of)		Air Cond/win					3.00	
		Air Cond/cent				Pools AUG 1 2008	10.00	
		HVAC		EMS		Thermostat	5.00	
		Signs					10.00	
		Alarms/res					5.00	
		Alarms/com					15.00	
		Heavy Duty(CRKT)					2.00	
		Circus/Carnv		-		and the second	25.00	
		Alterations		_			5.00	_
		Fire Repairs E Lights					15.00	
		E Generators					1.00 20.00	
		E Generators					20.00	
PANELS		Service	î	Remote		Main	4.00	400
TRANSFORMER		0-25 Kva	<u>. </u>	500 505			5.00	
		25-200 Kva					8.00	
		Over 200 Kva					10.00	.
						TOTAL AMOUNT DUE	1	_
MINIMUM FEE/COMMERCIA						MINIMUM FEE 45	5.00	

CONTRACTORS NAME Tho	mas Black	MASTER LIC. #	MS600 10181
ADDRESS 24 Underhill	Dr. borham	Me CYOSELIMITED LIC. #	
TELEPHONE <u>893 28</u>	69 / 650 95	70 Cell	
SIGNATURE OF CONTRACTOR	Am	ff	<u> </u>
	White Copy - Office	Yellow Copy - Applican	

By Inspector

INSPECTION:	Service		by				
	Service called	d in					
	Closing-in C) k —	by Me	N			
PROGRESS IN	ISPECTIONS:	****	/	. /			
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DATE:	REMARKS:	
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9-11-08	OK- Final y Ely	
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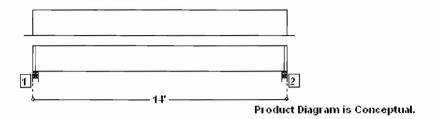


TJ-Beam® 6.30 Serial Number: User 2 6/4/2008 10.15:40 AM Page 1 Engine Version: 6.30.14

2ND FLOOR BEAM

4 Pcs of 1 3/4" x 9 1/2" 1.9E Microllam® LVL

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED



LOADS:

Analysis is for a Header (Flush Beam) Member. Tributary Load Width: 13'
Primary Load Group - Residential - Sleeping Areas (psf): 30.0 Live at 100 % duration, 20.0 Dead

SUPPORTS:

		Input Width	•	Vertical Reactions (lbs) Live/Dead/Uplift/Total	Detail	Other
1	Stud wall	3.50"	1.57"	2730 / 1949 / 0 / 4679	A3: Rim Board	1 Ply 1 1/4" x 9 1/2" 0.8E TJ-Strand Rim Board®
2	Stud wall	3.50"	1.57"	2730 / 1949 / 0 / 4679	A3: Rim Board	1 Ply 1 1/4" x 9 1/2" 0.8E TJ-Strand Rim Board®

⁻See iLevel® Specifier's/Builder's Guide for detail(s): A3: Rim Board

DESIGN CONTROLS:

	Maximum	Design	Control	Result	Location
Shear (lbs)	4567	-3955	12635	Passed (31%)	Rt. end Span 1 under Floor loading
Moment (Ft-Lbs)	15605	15605	23550	Passed (66%)	MID Span 1 under Floor loading
Live Load Defl (in)		0.339	0.342	Passed (L/484)	MID Span 1 under Floor loading
Total Load Defl (in)		0.581	0.683	Passed (L/282)	MID Span 1 under Floor loading

⁻Deflection Criteria: STANDARD(LL:L/480,TL:L/240).

-Bracing(Lu): All compression edges (top and bottom) must be braced at 14' o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.

ADDITIONAL NOTES:

-IMPORTANT! The analysis presented is output from software developed by iLevel®. iLevel® warrants the sizing of its products by this software will be accomplished in accordance with iLevel® product design criteria and code accepted design values. The specific product application, input design loads, and stated dimensions have been provided by the software user. This output has not been reviewed by an iLevel® Associate.

-Not all products are readily available. Check with your supplier or iLevel® technical representative for product availability.

-THIS ANALYSIS FOR ILEVEI® PRODUCTS ONLY! PRODUCT SUBSTITUTION VOIDS THIS ANALYSIS.

-Allowable Stress Design methodology was used for Building Code IBC analyzing the iLevel® Distribution product listed above.

-Note: See iLevel® Specifier's/Builder's Guide for multiple ply connection.

PROJECT INFORMATION:

HANCOCK LUMBER ATT: BOB THIBODEAU KENNEY JOB

OPERATOR INFORMATION:

Rob Chevalier
Wood Structures Inc.
20 Pomerleau Street
Biddeford, ME 04005
Phone: 207-282-7556
Fax: 207-282-2423
chevalier@wsitruss.com



m® 6.30 Serial Number User: 1 7/14/2008 9:22:55 AM Page 1 Engine Version: 8.30.14

2 - 1 3/4"X9 1/4" LVL beam

2 Pcs of 1 3/4" x 9 1/4" 1.9E Microllam® LVL

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED

Overall Dimension: 14' 1

Product Diagram is Conceptual.

Analysis is for a Header (Flush Beam) Member. Tributary Load Width: 1'4"

Primary Load Group - Residential - Living Areas (psf): 40.0 Live at 100 % duration, 10.0 Dead Vertical Loads:

Туре	Class	Live	Doed	Location	Application	Comment
Uniform(plf)	Floor(1,00)	0.0	80.0	13' 6" To 14'	Adds To	
Uniform(psf)	Snow(1.15)	50.0	10.0	13' 6" To 14'	Adds To	

SUPPORTS:

2			Input Width	Bearing Length	Vertical Reactions (lbs) Live/Dead/Uplift/Total	Ply	Depth	Nailing Depth	Detail	Other
	1	Timberstrand LSL Beam	3.50"	Hanger	324 / 123 / 0 / 447	N/A	N/A	N/A	H1: Top Mount Hanger	None
	2	Stud wall	3.50*	1.50"	472 / 235 / 0 / 708	N/A	N/A	N/A	E1: Blocking	1 Ply 1 3/4" x 9 1/4" 1.9E Microllam® LVL

-See iLevel® Specifier's/Builder's Guide for detail(s); H1: Top Mount Hanger, E1: Blocking

HANGERS: No Manufacturer Selected

Support	o. No manoravarer oc	Model	Slope	Skew	Reverse Flanges		Top Flange Slope	Support Wood Species	
1	H1: Top Mount Hanger	NONE FOUND	0/12	0	N/A	N/A	N/A	N/A	

DESIGN CONTROLS:

		Maximum	Design	Control	Result	Location
	Shear (lbs)	-465	-391	6151	Passed (6%)	Rt. end Span 1 under Floor loading
	Moment (Ft-Lbs)	1195	1195	11204	Passed (11%)	MID Span 1 under Floor ALTERNATE span loading
٦	Live Load Defl (in)		0.052	0.385	Passed (L/999+)	MID Span 1 under Floor ALTERNATE span loading
4	Total Load Deff (in)		0.069	0.578	Passed (L/999+)	MID Span 1 under Floor ALTERNATE span loading

-Deflection Criteria: Specified(LL:L/360.TL:L/240), Additional chacks follow,

-Right Overhang:(LL:0.200", TL:L/120).

-Bracing(Lu); All compression edges (top and bottom) must be braced at 14' o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.

-The load conditions considered in this design analysis include alternate member pattern loading.

PROJECT INFORMATION:

OPERATOR INFORMATION:

Michael Andrews Hancock Lumber 116 Portland road Bridgton, ME 04009 Phone: 207-647-5342 mandrews@hencocklumber.com

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General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction:	O Mail Grear L			
Total Square Footage of Proposed Structure/A		Number of Stories		
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# '106 T 32	Applicant *must be owner, Lessee or Bu Name Dave Kenney Bulders Address 9 Wildridge Rd City, State & Zip Standish, MEC			
Current legal use (i.e. single family) If vacant, what was the previous use? Proposed Specific use: Bedwant Is property part of a subdivision? Project description: add second floor over existing garage. Owner (if different from Applicant) Name Barbara + Carden Thenson Name Barbara + Carden Thenson Cost Of Work: \$ 38,000.0 Cof O Fee: \$ Total Fee: \$ 400 If yes, please name Project description: add second floor over existing garage. 2 Bedwons				
Contractor's name: Dave trenner Builde Address: Mildridge Ro City, State & Zip Standish, ME 040 Who should we contact when the permit is read Mailing address: Mildridge Ro S Please submit all of the information of	y: Dove	Telephone: <u>329-4344</u>		

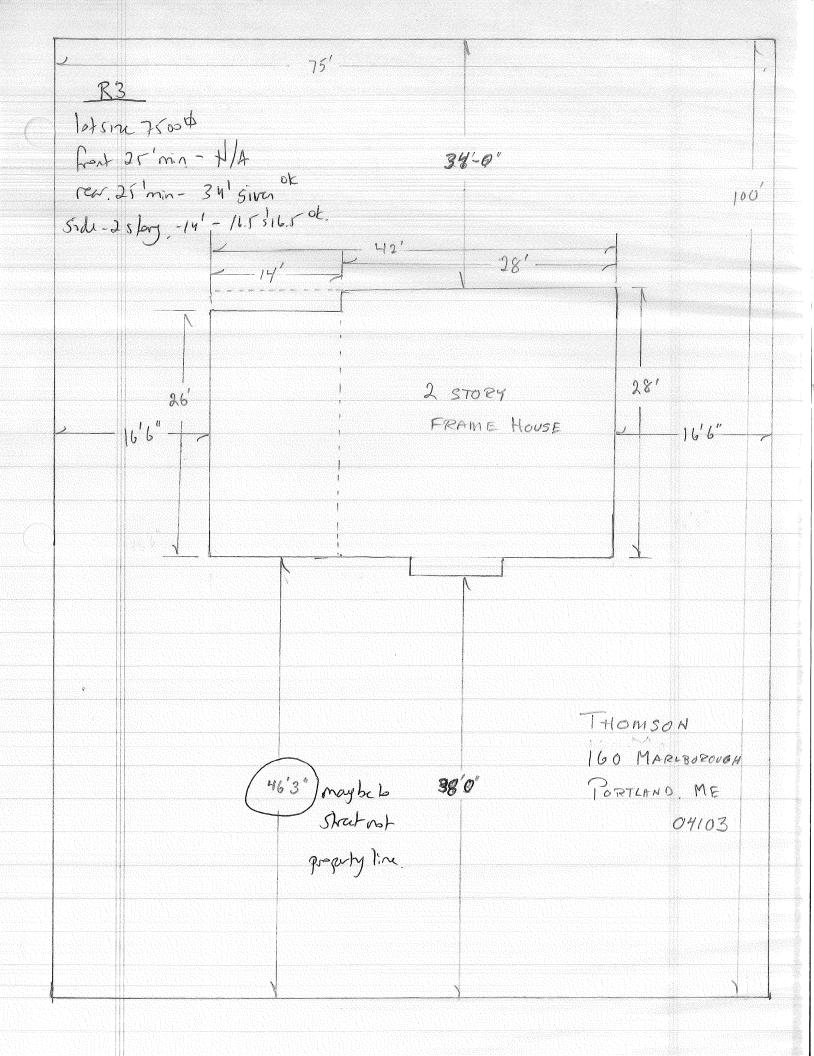
Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature:	Od/	Date: 6/24/08	

This is not a permit; you may not commence ANY work until the permit is issue





Date Applied For: CBL: Permit No: City of Portland, Maine - Building or Use Permit 08-0761 06/25/2008 406 F032001 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716 Location of Construction: Owner Name: Owner Address: Phone: 160 MARLBOROUGH RD THOMSON BARBARA TRUSTEE 160 MARLBOROUGH RD Business Name: Contractor Name: Contractor Address: Phone Dave Kenner Builder 9 Wildridge Road Standish (207) 329-4344 Lessee/Buyer's Name Phone: Permit Type: Alterations - Dwellings Proposed Use: Proposed Project Description: add second floor w/ 2 bedrooms over existing garage Single Family Home - add second floor w/ 2 bedrooms over existing garage Dept: Zoning Status: Approved with Conditions Reviewer: Ann Machado **Approval Date:** 07/07/2008 Ok to Issue: Note: 1) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals. 2) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and 3) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work. Dept: Building Status: Approved with Conditions Reviewer: Jeanine Bourke **Approval Date:** 07/11/2008 Ok to Issue:

1) The design load spec sheets for any engineered beam(s) / Trusses must be submitted to this office, with the design criteria for the 2' floor cantilever.

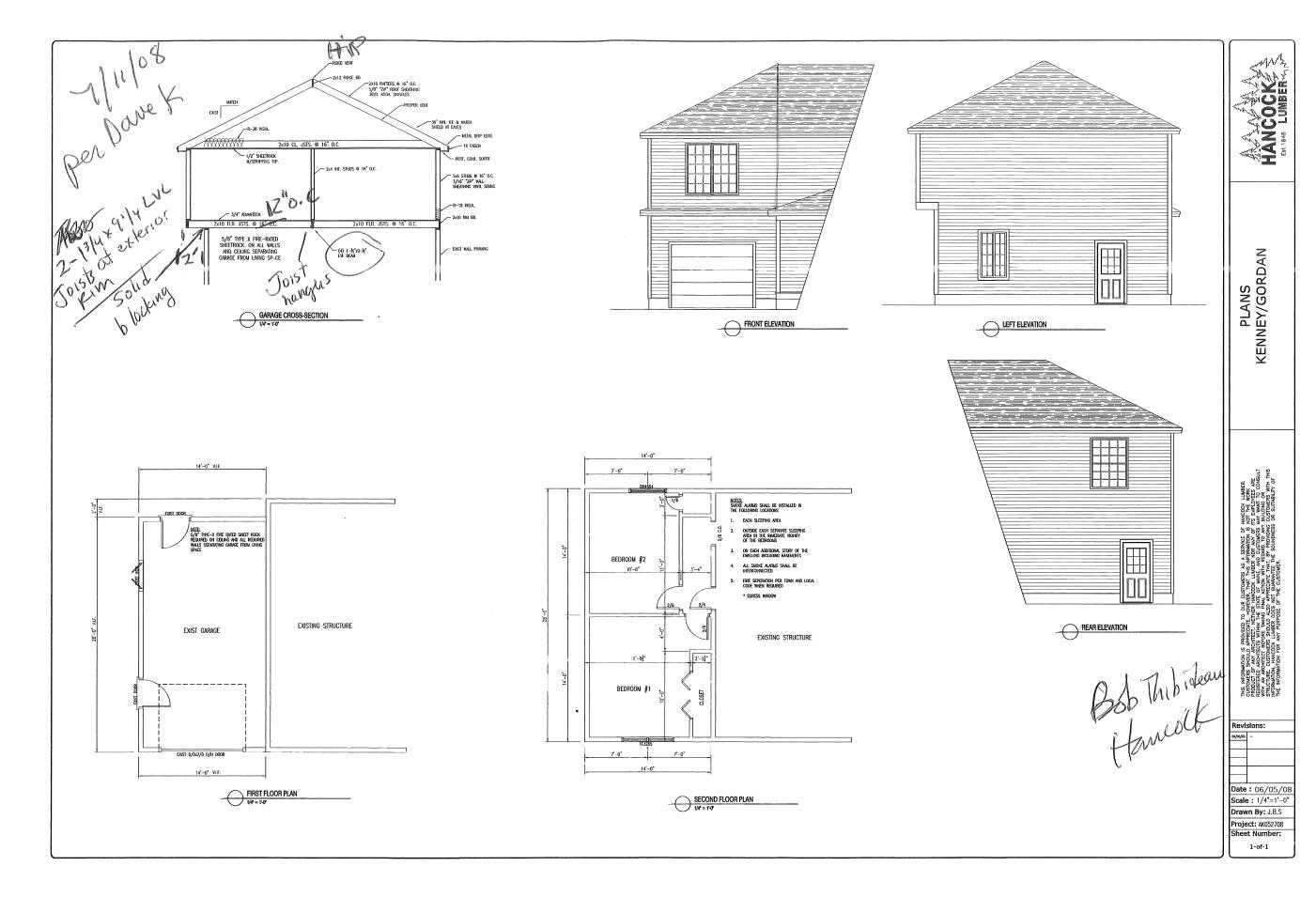
2) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.

3) Separate permits are required for any electrical, plumbing, or HVAC systems. Separate plans may need to be submitted for approval as a part of this process.

Comments:

7/10/2008-jmb: Spoke with Dave Kenney builder about the 2' cantilever and adequate floor framing based on table R502.3.3(1). He will contact Hancock for calcs....this is a hip roof, so the 28" roof span is not fully loaded on the end walls.

7/11/2008-jmb: Dave K. Called, Hancock lumber did the calcs on the hip roof load and he will bring in the info on the engineered beams.



DDE created with nuffschook tels version was neffschook now

